Joseph
Murphy

BIOTECHNOLOGY
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TECH CENTER 1600/290

RAW SEQUENCE LISTING
ERROR REPORT
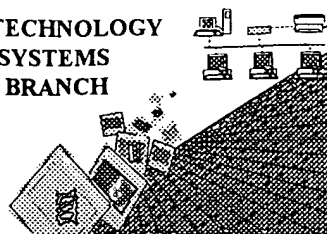
The Biotechnology Systems Branch of the Scientific and Technical Information
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Application Serial Number: _09/077,173β_
Source: _1600 Rush_
Date Processed by STIC: _11/7/2002_

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

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PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
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Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the
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1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission
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   Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

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Joseph murphy

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1600

RAW SEQUENCE LISTING   DATE: 11/07/2002
PATENT APPLICATION: US/09/077,173B   TIME: 09:10:16

Input Set : A:\sequencelisting.txt
Output Set: N:\CRF4\11072002\I077173B.raw

Does Not Comply
Corrected Diskette Needed

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         SEQUENCE LISTING
    4 (1) GENERAL INFORMATION.
C--> 7       (i) APPLICANT: EUROSCREEN S.A.
   37      (ii) TITLE OF INVENTION: RECEPTOR AND NUCLEIC ACID MOLECULE ENCODING
   38                          SAID RECEPTOR
   40     (iii) NUMBER OF SEQUENCES: 4
   32.          (B) STREET: Avenue Peter Benoit 5
   33           (C) CITY: WEMMEL
   34           (E) COUNTRY: BELGIUM
C--> 35          (F) ZIP: 1780
C--> 42      (v) COMPUTER READABLE FORM:
   43           (A) MEDIUM TYPE: Floppy disk
   44           (B) COMPUTER: IBM PC compatible
   45           (C) OPERATING SYSTEM: PC-DOS/MS-DOS
   46           (D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
C--> 48     (vi) CURRENT APPLICATION DATA:
C--> 49          (A) APPLICATION NUMBER: US/09/077,173B
C--> 0           (B) FILING DATE: 12-Nov-1998
C--> 0   (viii) ATTORNEY/AGENT INFORMATION:
   31           (A) NAME: BOEYNAEMS JEAN-MARIE
   51 (2) INFORMATION FOR SEQ ID NO: 1:
   53       (i) SEQUENCE CHARACTERISTICS:
   54           (A) LENGTH: 1429 base pairs
   55           (B) TYPE: nucleic acid
   56           (C) STRANDEDNESS: single
   57           (D) TOPOLOGY: linear
   59      (ii) MOLECULE TYPE: DNA (genomic)
   62      (ix) FEATURE:
   63           (A) NAME/KEY: CDS
   64           (B) LOCATION:181..1275
   67      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
   69 AAGGGAGCTT GGGTAGGGGC CAGGCTAGCC TGAGTGCACC CAGATGCGCT TCTGTCAGCT      60
   71 CTCCCTAGTG CTTCAACCAC TGCTCTCCCT GCTCTACTTT TTTTGCTCCA GCTCAGGGAT     120
   73 GGGGGTGGGC AGGGAAATCC TGCCACCCTC ACTTCTCCCC TTCCCATCTC CAGGGGGGCC     180
   75 ATG GCC AGT ACA GAG TCC TCC CTG TTG AGA TCC CTA GGC CTC AGC CCA      228
   76 Met Ala Ser Thr Glu Ser Ser Leu Leu Arg Ser Leu Gly Leu Ser Pro
   77   1               5                  10                  15
   79 GGT CCT GGC AGC AGT GAG GTG GAG CTG GAC TGT TGG TTT GAT GAG GAT      276
   80 Gly Pro Gly Ser Ser Glu Val Glu Leu Asp Cys Trp Phe Asp Glu Asp
   81          20                  25                  30
   83 TTC AAG TTC ATC CTG CTG CCT GTG AGC TAT GCA GTT GTC TTT GTG CTG      324
   84 Phe Lys Phe Ile Leu Leu Pro Val Ser Tyr Ala Val Val Phe Val Leu
   85          35                  40                  45
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87  GGC TTG GGC CTT AAC GCC CCA ACC CTA TGG CTC TTC ATC TTC CGC CTC      372
88  Gly Leu Gly Leu Asn Ala Pro Thr Leu Trp Leu Phe Ile Phe Arg Leu
89       50                  55                  60
91  CGA CCC TGG GAT GCA ACG GCC ACC TAC ATG TTC CAC CTG GCA TTG TCA      420
92  Arg Pro Trp Asp Ala Thr Ala Thr Tyr Met Phe His Leu Ala Leu Ser
93  65                  70                  75                  80
95  GAC ACC TTG TAT GTG CTG TCG CTG CCC ACC CTC ATC TAC TAT TAT GCA      468
96  Asp Thr Leu Tyr Val Leu Ser Leu Pro Thr Leu Ile Tyr Tyr Tyr Ala
97                   85                  90                  95
99  GCC CAC AAC CAC TGG CCC TTT GGC ACT GAG ATC TGC AAG TTC GTC CGC      516
100 Ala His Asn His Trp Pro Phe Gly Thr Glu Ile Cys Lys Phe Val Arg
101             100                 105                 110
103 TTT CTT TTC TAT TGG AAC CTC TAC TGC AGT GTC CTT TTC CTC ACC TGC      564
104 Phe Leu Phe Tyr Trp Asn Leu Tyr Cys Ser Val Leu Phe Leu Thr Cys
105             115                 120                 125
107 ATC AGC GTG CAC CGC TAC CTG GGC ATC TGC CAC CCA CTT CGG GCA CTA      612
108 Ile Ser Val His Arg Tyr Leu Gly Ile Cys His Pro Leu Arg Ala Leu
109         130                 135                 140
111 CGC TGG GGC CGC CCT CGC CTC GCA GGC CTT CTC TGC CTG GCA GTT TGG      660
112 Arg Trp Gly Arg Pro Arg Leu Ala Gly Leu Leu Cys Leu Ala Val Trp
113 145                 150                 155                 160
115 TTG GTC GTA GCC GGC TGC CTC GTG CCC AAC CTG TTC TTT GTC ACA ACC      708
116 Leu Val Val Ala Gly Cys Leu Val Pro Asn Leu Phe Phe Val Thr Thr
117             165                 170                 175
119 AGC AAC AAA GGG ACC ACC GTC CTG TGC CAT GAC ACC ACT CGG CCT GAA      756
120 Ser Asn Lys Gly Thr Thr Val Leu Cys His Asp Thr Thr Arg Pro Glu
121             180                 185                 190
123 GAG TTT GAC CAC TAT GTG CAC TTC AGC TCG GCG GTC ATG GGG CTG CTC      804
124 Glu Phe Asp His Tyr Val His Phe Ser Ser Ala Val Met Gly Leu Leu
125         195                 200                 205
127 TTT GGC GTG CCC TGC CTG GTC ACT CTT GTT TGC TAT GGA CTC ATG GCT      852
128 Phe Gly Val Pro Cys Leu Val Thr Leu Val Cys Tyr Gly Leu Met Ala
129     210                 215                 220
131 CGT CGC CTG TAT CAG CCC TTG CCA GGC TCT GCA CAG TCG TCT TCT CGC      900
132 Arg Arg Leu Tyr Gln Pro Leu Pro Gly Ser Ala Gln Ser Ser Ser Arg
133 225                 230                 235                 240
135 CTC CGC TCT CTC CGC ACC ATA GCT GTG GTG CTG ACT GTC TTT GCT GTC      948
136 Leu Arg Ser Leu Arg Thr Ile Ala Val Val Leu Thr Val Phe Ala Val
137             245                 250                 255
139 TGC TTC GTG CCT TTC CAC ATC ACC CGC ACC ATT TAC TAC CTG GCC AGG      996
140 Cys Phe Val Pro Phe His Ile Thr Arg Thr Ile Tyr Tyr Leu Ala Arg
141             260                 265                 270
143 CTG TTG GAA GCT GAC TGC CGA GTA CTG AAC ATT GTC AAC GTG GTC TAT     1044
144 Leu Leu Glu Ala Asp Cys Arg Val Leu Asn Ile Val Asn Val Val Tyr
145             275                 280                 285
147 AAA GTG ACT CGG CCC CTG GCC AGT GCC AAC AGC TGC CTG GAT CCT GTG     1092
148 Lys Val Thr Arg Pro Leu Ala Ser Ala Asn Ser Cys Leu Asp Pro Val
149         290                 295                 300
151 CTC TAC TTG CTC ACT GGG GAC AAA TAT CGA CGT CAG CTC CGT CAG CTC     1140
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PATENT APPLICATION: US/09/077,173B   TIME: 09:10:16

                    Input Set : A:\sequencelisting.txt
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152 Leu Tyr Leu Leu Thr Gly Asp Lys Tyr Arg Arg Gln Leu Arg Gln Leu
153 305                     310             315                 320
155 TGT GGT GGT GGC AAG CCC CAG CCC CGC ACG GCT GCC TCT TCC CTG GCA        1188
156 Cys Gly Gly Gly Lys Pro Gln Pro Arg Thr Ala Ala Ser Ser Leu Ala
157                     325             330             335
159 CTA GTG TCC CTG CCT GAG GAT AGC AGC TGC AGG TGG GCG GCC ACC CCC        1236
160 Leu Val Ser Leu Pro Glu Asp Ser Ser Cys Arg Trp Ala Ala Thr Pro
161             340             345             350
163 CAG GAC AGT AGC TGC TCT ACT CCT AGG GCA GAT AGA TTG TAACACGGGA         1285
164 Gln Asp Ser Ser Cys Ser Thr Pro Arg Ala Asp Arg Leu
165             355             360             365
167 AGCCGGCAAG TGAGAGAAAA GGGGATGAGT GCAGGGCAGA GGTGAGGGAA CCCAATAGTG      1345
169 ATACCTGGTA AGGTGCTTCT TCCTCTTTTC CAGGCTCTGG AGAGAAGCCC TCACCCTGAG      1405
171 GGTTGCCACG GAGGCAGGGA TATC                                            1429
174 (2) INFORMATION FOR SEQ ID NO: 2:
176       (i) SEQUENCE CHARACTERISTICS:
177             (A) LENGTH: 365 amino acids
178             (B) TYPE: amino acid
179             (D) TOPOLOGY: linear
181       (ii) MOLECULE TYPE: protein
182       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
184 Met Ala Ser Thr Glu Ser Ser Leu Leu Arg Ser Leu Gly Leu Ser Pro
185   1               5                   10                  15
187 Gly Pro Gly Ser Ser Glu Val Glu Leu Asp Cys Trp Phe Asp Glu Asp
188             20                  25                  30
190 Phe Lys Phe Ile Leu Leu Pro Val Ser Tyr Ala Val Val Phe Val Leu
191         35                  40                  45
193 Gly Leu Gly Leu Asn Ala Pro Thr Leu Trp Leu Phe Ile Phe Arg Leu
194         50                  55                  60
196 Arg Pro Trp Asp Ala Thr Ala Thr Tyr Met Phe His Leu Ala Leu Ser
197 65                  70                  75                  80
199 Asp Thr Leu Tyr Val Leu Ser Leu Pro Thr Leu Ile Tyr Tyr Tyr Ala
200             85                  90                  95
202 Ala His Asn His Trp Pro Phe Gly Thr Glu Ile Cys Lys Phe Val Arg
203             100                 105                 110
205 Phe Leu Phe Tyr Trp Asn Leu Tyr Cys Ser Val Leu Phe Leu Thr Cys
206         115                 120                 125
208 Ile Ser Val His Arg Tyr Leu Gly Ile Cys His Pro Leu Arg Ala Leu
209     130                 135                 140
211 Arg Trp Gly Arg Pro Arg Leu Ala Gly Leu Leu Cys Leu Ala Val Trp
212 145                 150                 155                 160
214 Leu Val Val Ala Gly Cys Leu Val Pro Asn Leu Phe Phe Val Thr Thr
215             165                 170                 175
217 Ser Asn Lys Gly Thr Thr Val Leu Cys His Asp Thr Thr Arg Pro Glu
218             180                 185                 190
220 Glu Phe Asp His Tyr Val His Phe Ser Ser Ala Val Met Gly Leu Leu
221         195                 200                 205
223 Phe Gly Val Pro Cys Leu Val Thr Leu Val Cys Tyr Gly Leu Met Ala
224     210                 215                 220
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Input Set : A:\sequencelisting.txt
Output Set: N:\CRF4\11072002\I077173B.raw

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226 Arg Arg Leu Tyr Gln Pro Leu Pro Gly Ser Ala Gln Ser Ser Ser Arg
227 225                 230                 235                 240
229 Leu Arg Ser Leu Arg Thr Ile Ala Val Val Leu Thr Val Phe Ala Val
230                 245                 250                 255
232 Cys Phe Val Pro Phe His Ile Thr Arg Thr Ile Tyr Tyr Leu Ala Arg
233                 260                 265                 270
235 Leu Leu Glu Ala Asp Cys Arg Val Leu Asn Ile Val Asn Val Val Tyr
236         275                 280                 285
238 Lys Val Thr Arg Pro Leu Ala Ser Ala Asn Ser Cys Leu Asp Pro Val
239         290                 295                 300
241 Leu Tyr Leu Leu Thr Gly Asp Lys Tyr Arg Arg Gln Leu Arg Gln Leu
242 305                 310                 315                 320
244 Cys Gly Gly Gly Lys Pro Gln Pro Arg Thr Ala Ala Ser Ser Leu Ala
245                 325                 330                 335
247 Leu Val Ser Leu Pro Glu Asp Ser Ser Cys Arg Trp Ala Ala Thr Pro
248                 340                 345                 350
250 Gln Asp Ser Ser Cys Ser Thr Pro Arg Ala Asp Arg Leu
251         355                 360                 365
253 (2) INFORMATION FOR SEQ ID NO: 3:
255     (i) SEQUENCE CHARACTERISTICS:
256             (A) LENGTH: 35 base pairs
257             (B) TYPE: nucleic acid
258             (C) STRANDEDNESS: single
259             (D) TOPOLOGY: linear
261     (ii) MOLECULE TYPE: DNA (genomic)
266     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
268 CAGATCTAGA TACTATGTTC TACACTCTTA CGTGC                         35
270 (2) INFORMATION FOR SEQ ID NO: 4:
272     (i) SEQUENCE CHARACTERISTICS:
273             (A) LENGTH: 35 base pairs
274             (B) TYPE: nucleic acid
275             (C) STRANDEDNESS: single
276             (D) TOPOLOGY: linear
278     (ii) MOLECULE TYPE: DNA (genomic)
283     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
285 TCTTAAGCTT GGAGTCACGT ACGAGCAAGC TAGTT                         35
```

SEQUENCE LISTING

(1) GENERAL INFORMATION:

  (i) APPLICANT: *↑ move up - all responses must be on same line as heading*

    ~~(A) NAME:~~ EUROSCREEN S.A.
    ~~(B) STREET: Avenue des Becassines 7~~
    ~~(C) CITY: BRUXELLES~~
    ~~(E) COUNTRY: BELGIUM~~
    ~~(F) POSTAL CODE (ZIP): 1160~~

delete

↑ move under first applicant

    ~~(A) NAME:~~ COMMUNI, DIDIER
    ~~(B) STREET: Groendallaan 19~~
    ~~(C) CITY: VILVOORDE~~
    ~~(E) COUNTRY: BELGIUM~~
    ~~(F) POSTAL CODE (ZIP): 1800~~

delete

    ~~(A) NAME:~~ PIROTTON, SABINE
    ~~(B) STREET: Avenue Marius Renard 27a~~
    ~~(C) CITY: BRUXELLES~~
    ~~(E) COUNTRY: BELGIUM~~
    ~~(F) POSTAL CODE (ZIP): 1070~~

delete

    ~~(A) NAME:~~ PARMENTIER, MARC
    ~~(B) STREET: Chausses d'Uccle 304~~
    ~~(C) CITY: LINKEBEEK~~
    ~~(E) COUNTRY: BELGIUM~~
    ~~(F) POSTAL CODE (ZIP): 1604~~

delete

    ~~(A) NAME:~~ BOEYNAEMS, JEAN-MARIE
    ~~(B) STREET: Avenue Peter Benoit 5~~
    ~~(C) CITY: WEMMEL~~
    ~~(E) COUNTRY: BELGIUM~~
    ~~(F) POSTAL CODE (ZIP): 1700~~

delete

for a U.S. application: insert these mandatory headings and responses

  (ii) TITLE OF INVENTION: RECEPTOR AND NUCLEIC ACID MOLECULE ENCODING SAID RECEPTOR

  (iii) NUMBER OF SEQUENCES: 4

(iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE:
(B) STREET:
(C) CITY:
(D) STATE:
(E) COUNTRY:
(F) ZIP:

(V) ~~(iv)~~ COMPUTER READABLE FORM:
    (A) MEDIUM TYPE: Floppy disk
    (B) COMPUTER: IBM PC compatible
    (C) OPERATING SYSTEM: PC-DOS/MS-DOS
    (D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

for a U.S. application add → these headings →

(VI) ~~(v)~~ CURRENT APPLICATION DATA:
    (A) APPLICATION NUMBER: WO PCT/BE 96/00123 *this goes in PRIOR APPLICATION DATA: section*
    (B) FILING DATE:

(vii) PRIOR APPLICATION DATA:
    (A) APPLICATION NUMBER:
    (B) FILING DATE:

EPO format is invalid for a U.S. application.

VERIFICATION SUMMARY   DATE: 11/07/2002
PATENT APPLICATION: US/09/077,173B   TIME: 09:10:17

Input Set : **A:\sequencelisting.txt**
Output Set: **N:\CRF4\11072002\I077173B.raw**

L:7 M:220 C: Keyword misspelled or invalid format, [(i) APPLICANT:] of (1) line corrected
L:11 M:220 C: Keyword misspelled or invalid format, [(F) ZIP:]
L:17 M:220 C: Keyword misspelled or invalid format, [(F) ZIP:]
L:23 M:220 C: Keyword misspelled or invalid format, [(F) ZIP:].
L:29 M:220 C: Keyword misspelled or invalid format, [(F) ZIP:]
L:35 M:220 C: Keyword misspelled or invalid format, [(F) ZIP:]
L:42 M:220 C: Keyword misspelled or invalid format, [(v) COMPUTER READABLE FORM:]
L:48 M:220 C: Keyword misspelled or invalid format, [(vi) CURRENT APPLICATION DATA:]
L:48 M:220 C: Keyword misspelled or invalid format, [(vi) CURRENT APPLICATION DATA:]
L:49 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:49 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:0 M:247 C: Inserted Optional Header Field, [(viii) ATTORNEY/AGENT INFORMATION:]
L:0 M:249 C: Inserted Mandatory Field, [(B) FILING DATE:]